

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/805,177
Source: 1 Fwp
Date Processed by STIC: 12/27/04

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 12/27/2004

PATENT APPLICATION: US/10/805,177

TIME: 11:24:53

Input Set : A:\seq listing Cura 965.txt

Output Set: N:\CRF4\12272004\J805177.raw

p.6

3 <110> APPLICANT: Landes, Gregory M.
 4 Chen, Francine
 5 Bezabeh, Binyam
 6 Foltz, Ian
 7 Tse, Kam Fai
 8 Jeffers, Michael
 9 Mesri, Mehdi
 10 Starling, Gary
 11 Mezes, Peter
 12 Khramtsov, Nikolai
 14 <120> TITLE OF INVENTION: ANTIBODIES AGAINST T CELL IMMUNOGLOBULIN
 15 DOMAIN AND MUCIN DOMAIN 1 (TIM-1) ANTIGEN AND USES THEREOF
 18 <130> FILE REFERENCE: ABXCUR.006A
 20 <140> CURRENT APPLICATION NUMBER: 10/805,177
 21 <141> CURRENT FILING DATE: 2004-03-19
 23 <150> PRIOR APPLICATION NUMBER: 60/456,652
 24 <151> PRIOR FILING DATE: 2003-03-19
 26 <160> NUMBER OF SEQ ID NOS: 141
 28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 30 <210> SEQ ID NO: 1
 31 <211> LENGTH: 509
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Homo Sapiens
 35 <400> SEQUENCE: 1
 36 tgggtcctgt cccaggtgca gctgcaggag tggggcccag gactggtgaa gccttcggag 60
 37 accctgtccc tcacctgcac tgtctctggt ggctccgtca gcagtgggtg ttactactgg 120
 38 agctggatcc ggcagccccc aggaaggga ctggagtga ttgggtttat ctattacact 180
 39 gggagcacca actacaaccc ctccctcaag agtcgagtct ccatatcagt agacacgtcc 240
 40 aagaaccagt tctccctgaa gctgagctct gtgaccgctg cggacgcggc cgtgtattac 300
 41 tgtgcgagag attatgactg gagcttccac ttgactact ggggccaggg aacctgggtc 360
 42 accgtctcct cagcctccac caagggccca tcggtcttcc ccctggcgcc ctgctccagg 420
 43 agcacctccg agagcacagc ggccctgggc tgctggtca aggactactt ccccgaaaccg 480
 44 gtgacggtgt cgtggaactc aggcgctct 509
 46 <210> SEQ ID NO: 2
 47 <211> LENGTH: 121
 48 <212> TYPE: PRT
 49 <213> ORGANISM: Homo Sapiens
 51 <400> SEQUENCE: 2
 52 Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
 53 1 5 10 15
 54 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Val Ser Ser Gly
 55 20 25 30
 56 Gly Tyr Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu

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57          35          40          45
58 Trp Ile Gly Phe Ile Tyr Tyr Thr Gly Ser Thr Asn Tyr Asn Pro Ser
59          50          55          60
60 Leu Lys Ser Arg Val Ser Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
61 65          70          75          80
62 Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Ala Ala Val Tyr Tyr
63          85          90          95
64 Cys Ala Arg Asp Tyr Asp Trp Ser Phe His Phe Asp Tyr Trp Gly Gln
65          100          105          110
66 Gly Thr Leu Val Thr Val Ser Ser Ala
67          115          120
70 <210> SEQ ID NO: 3
71 <211> LENGTH: 504
72 <212> TYPE: DNA
73 <213> ORGANISM: Homo Sapiens
75 <400> SEQUENCE: 3
76 cagctcctgg ggctcctgct gctctgggtc ccaggtgcc a ggtgtgacat ccagatgacc 60
77 cagtcctccat cctccctgtc tgcattctata ggagacagag tcaccatcac ttgccgggca 120
78 agtcagggca ttagaaatga tttaggctgg tatcagcaga aaccagggaa agcccctaag 180
79 cgcctgatct atgctgcatc cagtttgcaa agtgggggtcc catcaaggtt cagcggcagt 240
80 ggatctggga cagaattcac tctcacaate agcagcctgc agcctgaaga ttttgcaact 300
81 tattactgtc tacagcataa tagttaccct ctcactttcg gcggagggac caaggtggag 360
82 atcaaacgaa ctgtggctgc accatctgtc ttcattcttc cgccatctga tgagcagttg 420
83 aaatctggaa ctgcctctgt tgtgtgcttg ctgaataact tctatcccag agaggccaaa 480
84 gtacagtga aggtggataa cgcc 504
86 <210> SEQ ID NO: 4
87 <211> LENGTH: 108
88 <212> TYPE: PRT
89 <213> ORGANISM: Homo Sapiens
91 <400> SEQUENCE: 4
92 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Ile Gly
93 1 5 10 15
94 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Asn Asp
95 20 25 30
96 Leu Gly Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Arg Leu Ile
97 35 40 45
98 Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
99 50 55 60
100 Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
101 65 70 75 80
102 Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gln His Asn Ser Tyr Pro Leu
103 85 90 95
104 Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg
105 100 105
108 <210> SEQ ID NO: 5
109 <211> LENGTH: 469
110 <212> TYPE: DNA
111 <213> ORGANISM: Homo Sapiens
113 <400> SEQUENCE: 5

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114 cagtgtgagg tgcagctggt ggagctctggg ggaggcttgg tccagcctgg ggggtccctg 60
115 agactctcct gtgcagcctc tggattcacc ttactaact attggatgag ctgggtccgc 120
116 caggctccag ggaaggggct ggagtgggtg gccaacatac agcaagatgg aagtgagaaa 180
117 tactatgtgg actctgtgag gggccgattc accatctcca gagacaacgc caagaactca 240
118 ctgtatctgc aaatgaacag cctgagagcc gaggactcgg ctgtgtatta ctgtgcgaga 300
119 tgggactact gggggccaggg aacctgggtc accgtctcct cagcctccac caagggccca 360
120 tcggtcttcc ccctggcgcc ctgctccagg agcacctccg agagcacagc ggccctgggc 420
121 tgcctggtca aggactactt ccccgaaacc gtgagcgggt tcgtggaac 469

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123 <210> SEQ ID NO: 6

124 <211> LENGTH: 113

125 <212> TYPE: PRT

126 <213> ORGANISM: Homo Sapiens

128 <400> SEQUENCE: 6

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129 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
130 1 5 10 15
131 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Thr Asn Tyr
132 20 25 30
133 Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
134 35 40 45
135 Ala Asn Ile Gln Gln Asp Gly Ser Glu Lys Tyr Tyr Val Asp Ser Val
136 50 55 60
137 Arg Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
138 65 70 75 80
139 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Ser Ala Val Tyr Tyr Cys
140 85 90 95
141 Ala Arg Trp Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
142 100 105 110
143 Ala

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147 <210> SEQ ID NO: 7

148 <211> LENGTH: 454

149 <212> TYPE: DNA

150 <213> ORGANISM: Homo Sapiens

152 <400> SEQUENCE: 7

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153 cttctggggc tgctaattgt ctgggtccct ggatccagt gggatattgt gatgaccag 60
154 actccactct cctcaactgt catccttga cagccggcct ccatctcctg caggtctagt 120
155 caaagcctcg tacacagtga tggaaacacc tacttgaatt ggcttcagca gaggccaggc 180
156 cagcctccaa gactcctaatt tatatgatt tctaaccggt tctctggggg cccagacaga 240
157 ttcagtggca gtggggcagg gacagatttc aactgaaaa tcagcagggt ggaagctgag 300
158 gatgtcgggg tttattactg catgcaagct acagaatctc ctcagacgtt cggccaaggg 360
159 accaaggtgg aaatcaaacg aactgtggct gcaccatctg tcttcatctt cccgccatct 420
160 gatgagcagt tgaaatctgg aagggcctct gttg 454

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162 <210> SEQ ID NO: 8

163 <211> LENGTH: 113

164 <212> TYPE: PRT

165 <213> ORGANISM: Homo Sapiens

167 <400> SEQUENCE: 8

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168 Asp Ile Val Met Thr Gln Thr Pro Leu Ser Ser Thr Val Ile Leu Gly
169 1 5 10 15
170 Gln Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser

```

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```

171          20          25          30
172 Asp Gly Asn Thr Tyr Leu Asn Trp Leu Gln Gln Arg Pro Gly Gln Pro
173          35          40          45
174 Pro Arg Leu Leu Ile Tyr Met Ile Ser Asn Arg Phe Ser Gly Val Pro
175          50          55          60
176 Asp Arg Phe Ser Gly Ser Gly Ala Gly Thr Asp Phe Thr Leu Lys Ile
177 65          70          75          80
178 Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Met Gln Ala
179          85          90          95
180 Thr Glu Ser Pro Gln Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
181          100          105          110
182 Arg
186 <210> SEQ ID NO: 9
187 <211> LENGTH: 529
188 <212> TYPE: DNA
189 <213> ORGANISM: Homo Sapiens
191 <400> SEQUENCE: 9
192 gagcagtcgg ggggagggcgt ggtaaagcct ggggggtctc ttagactctc ctgtgcagcc 60
193 tctggattca ctttcagtaa cgctgggatg acctgggtcc gccaggtcc agggaagggg 120
194 ctggagtggg ttggccgtat taaaaggaga actgatggtg ggacaacaga ctacgctgca 180
195 cccgtgaaag gcagattcac catctcaaga gatgattcaa aaaacacgct gtatctgcaa 240
196 atgaacaacc tgaaaaacga ggacacagcc gtgtattact gtacctcagt cgataatgac 300
197 gtggactact ggggccaggg aaccctggtc accgtctcct cagcttcac caagggccca 360
198 tccgtcttcc ccctggcgcc ctgctccagg agcacctccg agagcacagc cgccctgggc 420
199 tgccctgtca aggactactt ccccgaccg gtgacggtgt cgtggaactc aggcgcctg 480
200 accagcggcg tgcacacctt cccggctgtc ctacagtcct caggactct 529
202 <210> SEQ ID NO: 10
203 <211> LENGTH: 119
204 <212> TYPE: PRT
205 <213> ORGANISM: Homo Sapiens
207 <400> SEQUENCE: 10
208 Asn Asn Asn Asn Glu Gln Ser Gly Gly Gly Val Val Lys Pro Gly Gly
209 1          5          10          15
210 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Asn Ala
211          20          25          30
212 Trp Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
213          35          40          45
214 Gly Arg Ile Lys Arg Arg Thr Asp Gly Gly Thr Thr Asp Tyr Ala Ala
215          50          55          60
216 Pro Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr
217 65          70          75          80
218 Leu Tyr Leu Gln Met Asn Asn Leu Lys Asn Glu Asp Thr Ala Val Tyr
219          85          90          95
220 Tyr Cys Thr Ser Val Asp Asn Asp Val Asp Tyr Trp Gly Gln Gly Thr
221          100          105          110
222 Leu Val Thr Val Ser Ser Ala
223          115
226 <210> SEQ ID NO: 11
227 <211> LENGTH: 447

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228 <212> TYPE: DNA
229 <213> ORGANISM: Homo Sapiens
231 <400> SEQUENCE: 11
232 ctgactcagt ctccactctc cctgccccgc acccctggag agccggcctc catctcctgc 60
233 aggtctagtc agagcctcct gcatagtaat ggatacaact atttgattg gtacctgcag 120
234 aagccagggc agtctccaca gctcctgacg tatttggtt ctaatcgggc ctccgggggc 180
235 cctgacaggt tcagtggcag tggatcaggc acagatttta cactgaaaat cagcagagtg 240
236 gaggctgagg atattgggtc ttattactgc atgcaagctc tacaaactcc gctcactttc 300
237 ggcggaggga ccaaggtgga catcaaacga actgtggctg caccatctgt cttcatcttc 360
238 ccgccatctg atgagcagtt gaaatctgga actgcctctg ttgtgtgcct gctgaataac 420
239 ttctatccca gagaggccaa agtacag                                     447
241 <210> SEQ ID NO: 12
242 <211> LENGTH: 113
243 <212> TYPE: PRT
244 <213> ORGANISM: Homo Sapiens
246 <400> SEQUENCE: 12
247 Asn Asn Asn Leu Thr Gln Ser Pro Leu Ser Leu Pro Val Thr Pro Gly
248 1 5 10 15
249 Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Leu His Ser
250 20 25 30
251 Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln Lys Pro Gly Gln Ser
252 35 40 45
253 Pro Gln Leu Leu Ile Tyr Leu Gly Ser Asn Arg Ala Ser Gly Val Pro
254 50 55 60
255 Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
256 65 70 75 80
257 Ser Arg Val Glu Ala Glu Asp Ile Gly Leu Tyr Tyr Cys Met Gln Ala
258 85 90 95
259 Leu Gln Thr Pro Leu Thr Phe Gly Gly Gly Thr Lys Val Asp Ile Lys
260 100 105 110
261 Arg
265 <210> SEQ ID NO: 13
266 <211> LENGTH: 538
267 <212> TYPE: DNA
268 <213> ORGANISM: Homo Sapiens
270 <400> SEQUENCE: 13
271 caggtgcagc tggagcagtc ggggggaggc ttggtacagc ctgggggggc cctgagactc 60
272 tcctgtgcag cctctggatt caccttcagt acctatagca tgaactgggt ccgccaggct 120
273 ccaggaagg ggctggagtg ggtttcatat attagaagta gtactagtag catatactat 180
274 gcagagtccc tgaaggccg attcaccatc tccagcgaca atgccaagaa ttcactatat 240
275 ctgcaaata acagcctgag agacgaggac acggctgtgt attactgtgc gcgggacttt 300
276 gactactggg gccagggaac cctggtcacc gtctcctcag cttccaccaa gggcccatcc 360
277 gtcttcccc tggcgccctg ctccaggagc acctccgaga gcacagccgc cctgggctgc 420
278 ctggtaagg actacttccc cgaaccgggt acgggtgtcgt ggaactcagg cgccctgacc 480
279 agcggcgtgc acacttccc ggctgtccta cagtcctcag gactctactc cctcagca 538
281 <210> SEQ ID NO: 14
282 <211> LENGTH: 114
283 <212> TYPE: PRT
284 <213> ORGANISM: Homo Sapiens

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/27/2004
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Input Set : A:\seq listing Cura 965.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:72; Xaa Pos. 96,97
Seq#:118; Xaa Pos. 1,2,3,4
Seq#:119; Xaa Pos. 1,2,3
Seq#:124; Xaa Pos. 1,2,3,4,5
Seq#:125; Xaa Pos. 1,2,3,4
Seq#:130; Xaa Pos. 1,2,3,4,5
Seq#:131; Xaa Pos. 1,2,3,4
Seq#:140; Xaa Pos. 1,2,3,4
Seq#:141; Xaa Pos. 1,2,3,4

VERIFICATION SUMMARY

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Input Set : A:\seq listing Cura 965.txt

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L:1549 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:72
L:1549 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:72
L:1549 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:80
M:341 Repeated in SeqNo=72
L:2281 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:118
L:2281 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:118
L:2281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:0
L:2316 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:119
L:2316 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:119
L:2316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119 after pos.:0
L:2469 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:124
L:2469 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:124
L:2469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:0
L:2504 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:125
L:2504 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:125
L:2504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:125 after pos.:0
L:2657 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:130
L:2657 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:130
L:2657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130 after pos.:0
L:2692 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:131
L:2692 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:131
L:2692 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:0
L:3000 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:140
L:3000 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:140
L:3000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140 after pos.:0
L:3035 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:141
L:3035 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:141
L:3035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:141 after pos.:0